ROM March 1975

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ROM cover: Stonehenge, a view from the centre of the great stone circle towards the heelstone. It has long been known that the sun rises over this stone each March 21, the day spring begins. Recent investigations have shown other remarkable alignments between the stones and the extreme rising and setting positions of the Sun and Moon. It is even possible that the Stonehenge people could have used the monument to warn of eclipses.

Stonehenge, other wonders of ancient astronomy, and the possibility of learning about non-human civilizations through astronomy are some of the topics of Men, Myths and Monuments, the next presentation of the McLaughlin Planetarium.

Chairman's Newsletter

In January I had the opportunity of meeting some of you at my first official opening of an exhibition. It was gratifying that despite the inclement January weather so many of our members were able to attend the preview of *Baroque Bronzes and Other Objects of Art.*

Also in January, the Board of Trustees and the senior administrative staff, all department heads and curators of the Museum attended a two-day seminar to discuss ROM activities and problems, and to get to know each other. At this seminar one afternoon was devoted to the department heads who gave brief sketches of their activities, responsibilities, and some of their problems. We also toured the offices, laboratories, study rooms and the behind-the-scene workshops. In addition to the meetings and tours we enjoyed an excellent supper in the Canadiana Gallery to which all spouses were invited. These two days were well spent and I want to thank the ROM's staff members who took time from their busy schedules to make the seminar a particularly interesting and enjoyable one.

As I continue to meet staff and to catch a glimpse of behind the scenes activities I become increasingly aware of just how complex this outstanding institution is. The past few newsletters have outlined a few of these activities. Last month's newsletter briefly mentioned recent archaeology expeditions; this month I'd like to look at some of the field activities of the science departments.

The scientific side of ROM is a vital one, for science looks at the whys and wherefores of our very existence. Through the study of past species and their evolution, science brings us to a greater knowledge and understanding of life. When one thinks of science in the Museum I suppose the first things to spring to mind are fossils, especially dinosaurs. But as well as 'old' specimens, ROM's scientists are concerned about modern life-forms.

While I cannot attempt to detail scientific expeditions or even to name every researcher involved I would like to give you some idea of the variety and extensiveness of ROM's science field activities.

If you were holidaying in the Mattawa-Deep River area last year, you might have met ROM geologists collecting rocks for research and for the petrology reference collection. They were also busy in the Timmins area, Slate Islands, Lake Superior and Southeastern Ontario, as well as in the Minnesota River Valley.

Members of the Ichythyology and Herpetology Department continue work on marine reef fishes — primarily damselfishes, and Atlantic fishes, including the bioluminescent lantern fishes. Inventories of fishes are being done in Lake Ontario and Quetico Provincial Park. Preparations are also underway for a major international exhibition, October 7 to December 14, 1975, entitled "Animals in Art", which will include paintings, carvings, sculpture and ROM Museum objects.

From the north shore of Lake Superior, Winnipeg and northern Yukon Territory to the Republic of South Africa, specimens of rocks and minerals were collected and studied by our mineralogists.

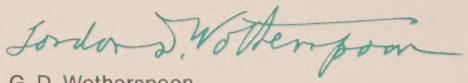
Mammalogists were busy in Kenya, the Dominican Republic, Colombia and New Guinea. A number of valuable bat specimens were obtained, including the first of one species from Rhodesia and a rare South American specimen. Bat ecology and echolocation were considered, and various specimens were preserved and catalogued for future laboratory studies.

Members of the Entomology and Invertebrate Zoology Department were busy in such field activities as collecting invertebrates in marine and freshwater habitats in Brazil, studying caddisflies in southern France and obtaining material in North America for continuing research programmes on insects and mites.

Skeletons of some Cretaceous (75 million-year-old) marine reptiles were collected from south-west of Winnipeg and Upper Cretaceous mammals were collected in Montana.

Members of the Invertebrate Palaeontology Department were busy in various parts of Ontario over the past year, and they also conducted a one week trip to Great Slave Lake, N.W.T. where some 1.9 billion-year-old fossils were collected.

All specimens collected on these various expeditions contribute to the ever-expanding research and reference collections to be used in current and future studies.



G. D. Wotherspoon
Chairman, Board of Trustees

Spotlight

Miss Norma Heakes

came to the Royal Ontario Museum in September, 1949 as a lecturer on loan from the Board of Education. In 1952 she was appointed Supervisor of the Division of Education.

The Education department developed steadily under her supervision over the past 22 years. In 1953, seven full-time staff members (teachers, office and technical staff) served 93,601 students while in 1973, seventeen full-time staff members served 181,721 students. This comparison gives you some idea of the growth of the Education department under Miss Heakes' supervision.

Teaching students was not the only undertaking of the Division of Education. Extension services, programmes such as adult courses, lectures, Sunday films and travelling cases, were carried out and have now reached such proportions that a new department has been a natural outgrowth.

Miss Heakes, while retiring officially on December 31, 1974 as Chairman of Education Services, will continue to serve the Museum as Chairman Emeritus of Education. She will find herself busy as she has been charged by the Director with the writing of the history of the Education Services department, a massive task which she is more than qualified to undertake.

Miss Heakes' contributions to the Museum will not be soon forgotten and as she puts pen to paper we wish her the very best.

A group of 60 arts, music, drama and fine arts students from Sir John Franklin Territorial High School, N.W.T. being given a general tour of the Museum by Miss Norma Heakes, retired Chairman of Education Services. These students were being hosted by Victoria Park Secondary School in North York.

ROM Viking Adventure

Members wishing to accompany Dr. Walter Tovell, Director of ROM, as he conducts this fascinating trip to Scandinavia, should submit their application forms as soon as possible. Details of this trip to Iceland, Norway and Denmark, which takes place from August 7 to 24, 1975, are given in the descriptive brochure which was mailed to members in February. Further information and additional brochures, which include the application form, are available by calling 364-8335.

ROM Bus Tour

Dr. Walter Tovell, Director of ROM, will conduct a bus tour, which will include lunch, on Saturday, May 3. The tour will be held under the auspices of the ROM Members' Committee and the Metropolitan Toronto Regional Conservation Authority. The tour route will be from the Leslie Street Headland to Ajax, and will include the Scarborough Bluffs. Look for more details in April *Preview*.

Royal Ontario Museum
100 Queen's Park, Toronto M5S 2C6

March 1975

Canontoriana to April 6
Early maps of Canada from the collection of opthalmologist Dr. Alexander MacDonald. The display spans some 500 years geographically documenting how voyageurs, explorers and cartographers first saw Canada, Ontario and Toronto. Sigmund Samuel Canadiana Building.

Harvest '74 to March 31
A selection of items acquired by the Textile Department during 1974. Second Floor, Textile Gallery.

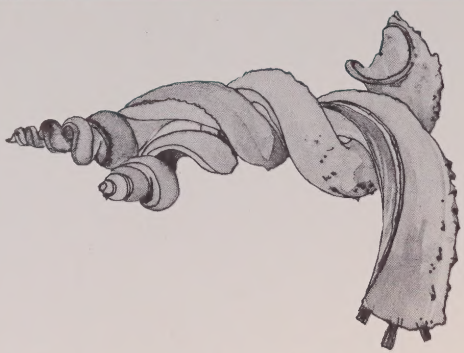
Photo Poetry of Canada to March 23
A unique display of pictorial landscapes from across Canada by Ontario photographer Edward Zuber and poems by Ron Young which provide personal interpretations of the visual message. Third Floor Rotunda.

Stamps to March 31
Forty-eight pages of postage stamps from Great Britain from the Museums' Strudley collection. Stamp Corner, Lower Level.

Beneath the Seas March 27 to May 14
Watercolours by Allycia Uccello combining fact and fantasy. Lower Rotunda.

Probing the Planets to March 16
The scientist's laboratory is no longer the Earth. All the planets known to antiquity are available for his study. Spacecraft have visited or will be visiting Mercury, Venus, Mars, Jupiter and Saturn. The show *Probing the Planets* looks at the most recent data from the Pioneer and Mariner spacecraft expeditions. Theatre of the Stars, McLaughlin Planetarium. Show times listed below.

Preview cover: Sampler, English 1795. Harvest '74, Textile Gallery.



Watercolour representation of two intertwined primitive sand dwelling snails typical of tropical oceans by Allycia Uccelo.

Theatre of the Stars Show Times
Tuesday to Friday: 3, 8 pm
Saturday: 2, 3:30, 7:30, 9 pm
Sunday: 2, 3:30, 5, 7:30 pm

Spring Holiday Break
March 24th to March 28th
Tuesday, March 25th — 2, 3:30, 8 pm
Wednesday, March 26th — 2, 3:30, 8 pm
Thursday, March 27th — 2, 3:30, 8 pm
Friday, March 28th — 2, 3:30 pm
Saturday, March 29th — 2, 3:30, 7:30, 9 pm
Sunday, March 30th — 2, 3:30, 5, 7:30 pm
Shows last about 50 minutes. Theatre tickets are $1.50 for adults; $.75 for senior citizens, students and children, which includes admission to the building displays and Museum. Children under the age of six are not admitted to the theatre.

Men, Myths and Monuments
March 20 to June 15
Will focus on our knowledge of the astronomy of the Stonehenge people, the Babylonians, the Egyptians and the Mayans (one of the early peoples in Meso-America), and of some other ancient civilizations. Enters into some speculation regarding the application of our knowledge about these civilizations to nonhuman civilizations that we might discover. Theatre of the Stars, McLaughlin Planetarium. Show times listed below.

Films

Sunday Family Films to March 16
Sundays at 2:30, ROM Theatre. Free with Museum admission
A film programme designed for the enjoyment of the entire family. Programme subject to change.
March

2	Tarantella (5 min)
	The Mime of Marcel Marceau (23 min)
	Statues Hardly Ever Smile (18 min)
	Dan, Mac and Me (9 min)
9	Alexander Nevsky (107 min)
16	The Daisy (6 min)
	Baobab: Portrait of a Tree (53 min)

Sunday Evening Films to March 16
Sundays at 7:30, ROM Theatre. Free
A programme of films stressing another kind of living. Arranged to appeal to an audience of adult, high school and college students. Programme subject to change.
March

2	Circadian Rhythms (18 min)
	Life as it Flows (13 min)
	People out of Time (40 min)
9	Man of Aran (80 min)
16	Dream of Wild Horses (9 min)
	Baobab: Portrait of a Tree (53 min)

Tuesday Lunch Hour Films — Civilization
Series to April 29. 50 min. each
Tuesdays at 12:45 pm, ROM Theatre.
Free with Museum admission.
Series written and narrated by Sir Kenneth Clark. In the films he charts his personal course through the ideas and events that led Western Civilization from the collapse of Greece and Rome up to the twentieth century.

March

4 The Hero as Artist
11 Protest and Communication
18 Grandeur and Obedience
25 The Light of Experience

Concerts

Popular Music Series to March 27
Thursdays at 5:30; Bishop White Gallery. Free
A series of concerts outlining the 75 years of popular music. Each concert features a well-known theme and/or personality. Arranged by Paul Grosney, the concert series is sponsored by ROM with the co-operation of the Toronto Musicians Association.

March 6—The Duke
Phil Antonacci Quintet/Aileen Ahern. Duke Ellington's timeless music spans 50 years of composition and performance.

March 13—The Latin Influx
Guido Basso Latin Jazz Band. Latin influence — the rhythms of the rhumba, samba and bossa nova — has enriched the popular music scene.

March 20—The Guitars
Bob Edwards and the Fat City Guitars. At one time the guitar was only associated with Django Rienhart or Gene Autry — then Elvis.

March 27—Beatles/Bacharach
Don Gillis Quartet/Rosemary Lynn and Carol Lipson. The Bach/Beethoven of our time.

Lectures

Time—A Lecture Series to March 19
Wednesdays at 8:30 pm, ROM Theatre. Free
A lecture series presenting time in broad perspective, approaching it from the points of view of the philosopher, astronomer, geologist, biologist, of social man and of man the time-keeper.

March 5—Early Mechanical Clocks and Time-Keeping
An illustrated lecture by Dr. Henry King, Curator of the McLaughlin Planetarium, ROM.

March 12—Time in Ancient Cultures
An illustrated lecture by Professor Jack Finnegan, Director of the Palestine Institute of Archaeology, Pacific School of Religion, University of California at Berkeley.

March 19—Man—How Much Time Left?
An illustrated lecture by Dr. Ralph Brinkhurst, Fisheries Research Station, St. Andrews, New Brunswick.

Northeast Coast Art: Early Sources and Development
Thursday, March 13 at 4:30 pm
Planetarium Lecture Room. Free.
An illustrated lecture by Dr. Joan Vastokas of the Department of Anthropology, Trent University. Sponsored by the Toronto Society of the Archaeological Institute of America.

The Amarna Period: Akhenaten and Monotheism
Thursday, March 13 at 8:30 pm.
Planetarium Lecture Room. Free
An illustrated lecture by Professor A. Schulman of Queen's College, New York and Tel Aviv. Sponsored by the Society for the Study of Egyptian Antiquities.

ROM Services

ROM Public Hours, 100 Queen's Park
Tuesday to Saturday: 10 am to 9 pm
Sunday: 1 to 9 pm
Monday: 10 am to 5 pm
Adult admission 50 cents, free after 5 pm. Accompanied children free. Senior citizens and students with identification free.

ROM Libraries
The Reference Library, on the second floor, is open Monday to Friday from 10 am to 5 pm. The Astronomical Library, in the McLaughlin Planetarium, is open Saturdays 10 am to 5 pm.

ROM Restaurants
A comfortable restaurant serving hot lunches and snacks is located on the main floor by the Armour Court and is open until 7:30 pm. The Dinosaur Den children's cafeteria on the Lower Level closes at 4 pm.

ROM Shops
Just in time for Easter, ROM's Mini Shop for children, on the Lower Level, has a delightful assortment of tiny Mexican clay animals. They are small enough to fit into the Mexican hand-woven palm baskets, also on sale for Easter. There are handfinished clay rabbits, chickens, roosters and lambs, all trimmed in bright colours. Children will love the delicate clay doves carrying tiny letters in their beaks, and the birds in nests, and can stuff their Easter basket with an onyx owl, kangaroo, dog or rabbit. Mexican animals range in price from 45¢ to $1.00.

Book and Gift Shop Hours
Tuesday to Thursday: 10 am to 9 pm
Friday, Saturday, Monday: 10 am to 5 pm
Sunday: 1 to 5 pm

Sigmund Samuel Canadiana Building
14 Queen's Park Cres. West. Free Admission
Monday to Saturday: 10 am to 5 pm
Sunday: 1 to 5 pm

Information
Museum: 928-3690 **Planetarium:** 928-8550

Members' Lounge
A quiet licensed lounge, down the stairs by the main restaurant, is available to members of ROM. Monday: 12-5 pm; Tuesday to Friday: 12-9 pm.

ROM Membership
Membership in the Museum is a rewarding experience. For $25 annually (individual), or $40 (family with 2 cards), a member receives free admission to ROM, use of the licensed Members' Lounge, a 10 percent discount on purchases over $2.00 at ROM's shops, invitations to Preview parties, *ROM* the monthly bulletin, and *Rotunda* the quarterly magazine. For residents outside metropolitan Toronto, individual annual membership is $15. Lifetime Membership in the Museum is also invited as follows:
Life: $500
Fellow: $1,000
Benefactor: $2,500
Endowment: $5,000
Patron: $10,000
Lifetime membership categories are income tax deductible. For further information call 928-3704 or write to the Membership Office.

Tours

ROM Gallery Tours
Weekdays, except holidays. Free with Museum admission. Tours subject to change.

March at 12:15		at 2:00
3	Harvest '74 — Textiles	Death Among the Egyptians
4	Catching a Falling Star	Planetarium
5	Chinese Arts	The Faces of Ancient Rome
6	Geology, The Changing Earth	Planetarium
7	19th Century Rooms	Survival of the Fittest
10	Chinese Bronzes	General Science
11	Arts of India	Keep Me Warm One Night — Textiles
12	Populating The Americas	Mesopotamia and Iran
13	Japanese Art	Planetarium
14	Ancient Greece	Sculpture of Ancient Egypt
17	Harvest '74 — Textiles	Chinese Tomb Figurines
18	The Enigma of the Etruscans	Planetarium
19	Masks and Ceremonials	Native Peoples of Canada
20	Arts of Ancient Egypt	Planetarium
21	English Porcelain	Man in Greek Art
24	Windows on Nature's World	European Porcelain
25	Mediaeval Europe	Harvest '74 — Textiles
26	Ancient Greece	European Glass
27	English Period Rooms	Planetarium
28	no tours	no tours
31	Keep Me Warm One Night — Textiles	19th Century Rooms

Canadiana Tours
Wednesdays at 12:15 pm in the Sigmund Samuel Canadiana Building.

Planetarium Tours
Tuesdays and Thursdays at 2 pm in the McLaughlin Planetarium.

Inside ROM

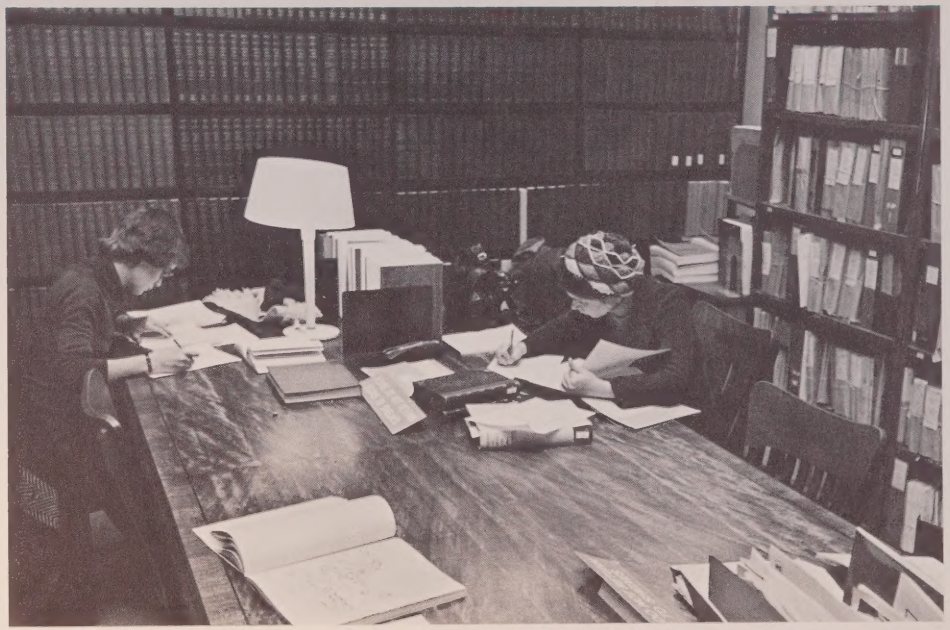
You Say There's A Library? Opposite the Dinosaurs?

The ROM Library resides in a gallery, specifically, one of the Invertebrate Palaeontology galleries, but any other resemblance it has to a display area is purely coincidental. Nevertheless, we do manage to attract some attention from Museum visitors, and we do very much enjoy it.

Of course, there are the usual requests from young readers for pictures of giraffes, whales and elephants. For some reason, giraffes rate even higher than dinosaurs with our clientele. And we do have the occasional query for the impossible: a list of the animals present on Noah's Ark; photographs of dinosaurs, not just drawings please, *real* photographs.

When we are able to help with a real problem — can you tell me if this snake is poisonous (it wasn't), or, I have to do a school project on volcanoes, or, would you be kind enough to help me find some information concerning *Ectopistes migratorius* (passenger pigeon), it makes it all worthwhile.

Once in awhile we are even able to provide the solution to one of life's little crises. For example, there was the gentleman who lost his wife's wedding ring while taking it to be cleaned at the jeweller's. His wife was in the hospital. The ring, one of very unusual design, was from a distant place. With the help of our Art and Archaeology Librarian, he found a picture of exactly the same design. He had a duplicate made before his wife returned home, and she didn't suspect for a moment.



Life for a librarian in the Planetarium Library can be very stimulating at showtime. All those keen young astronomers come in ten minutes before the show, but are seldom seen at any other time. The Astronomical Library, in the McLaughlin Planetarium, is one of the best of its kind. Among the books in its collection are works on space travel, the stars, the planets, navigation, chronometers and clocks, astrology and many other subjects. Unlike the Library in ROM, the one in the Planetarium is built for people. However, it suffers from lack of attention, except of course at the time of a spectacle, such as the anticipation of Comet Kohoutek, or an eclipse of the sun.

Most of our working hours in ROM are taken up with the business of library work, and the needs of Museum staff members. We try to help in every way we can to facilitate the work of the curators, and to keep them abreast of current literature in their fields of specialization. Museum staff members are surprisingly multi-talented, and their literary investigations range over a wider area than the patrons of most libraries. For example, Dr. A., who is a subject specialist in the earth sciences, ardently seeks current information in a life science. That life science is Dr. B's speciality, but Dr. A's 'hobby'.

Occasionally we have a conflict of interest. Dr. C will be off next week to dig up some more pots or bones. He could certainly use that map that Dr. D is using to plot animal migrations, or one of exactly the same area, and the same scale.

Then there is Mr. E's request for that compendium of knowledge on antiquities, in his special area. He cannot quite recall the title, or the name of the author, but the book is about two inches thick, green with gold lettering, and the only source he *ever* relies on. But then last year the same Mr. E sent us, from half way around the world, the answer to a question we had been struggling with for six months. And he sent it while he was on holiday!

Not only curators require our attention. We also have a guard who plays tournament chess, and needs information about the publication of the latest books on sacrifice strategy. A lab technician who reads Tibetan philosophy; a secretary who is our resident expert on numismatics; and a lady whose crewel work is truly art.

As befits a part of an institution involved in the study of natural science we have our share of flora and fauna. Librarians are well known for their predilection for plants. As well as our own favorites, we have collected the sickly, and the maimed from all about. If you haven't been able to grow an avocado, in spite of the rumour that it is easy, come and see us. We have one three-feet high, called George, and perhaps we can help. We also have books on horticulture.

Our fauna come from both inside and outside the Museum and are clearly distinguished by their fondness for human society. A friendly turtle who just could not stay away, was repeatedly found strolling among the stacks. You will understand his character when you realize that he had to fall down a full flight of stairs to get here, each time!

Then there was the boa constrictor who was missing from his department for a few days. He was discovered peacefully snoozing in the bottom drawer of a file cabinet, one summer afternoon.

We also have a pair of determined pigeons who persist in trying to nest on top of the reference collection. In spite of repeated attempts to evict them, they return again and again, with their precious bits of straw and other home-building stuff, burbling and cooing to the consternation of the readers below.

Our books themselves come from all over the world and cover many subjects, in many languages. We have wonderful things to see: the Tutankhamun box; reproductions of illuminated medieval manuscripts; codices from South America; famous illustrations of North American Indian life. We also have some very interesting things to read: handwritten accounts of bird study; Johann Beringer's account of his archaeological finds; The *London Illustrated News* and the old *Burlington Magazine;* many journals on fashion and costume; Czechoslovakian journals on the manufacture of glass; Russian periodicals on the study of fish. We have books on continental drift, the study of evolution, systematics, silver, dolls, spiders, mummies, gardens, antiques, furniture, sculpture, seashells and musical instruments, among others.

Our gallery itself is encircled with murals by G. A. Reid, illustrating the changes in the environment from the time of the dinosaurs to the age of man. They alone are worth a visit.

Yes, we are opposite the dinosaurs. Come up and see us — but please remember, *Shhhh,* it's a library!

Judy Morgan
Head Librarian

New Members of the Royal Ontario Museum

Annual

Miss S. Adelkind
Mr. & Mrs. I. Amonsen
Mrs. A. K. Andrew
Miss G. I. Bailey
Mr. & Mrs. G. E. Beck
Ms. M. L. Bill
Mr. L. Chysuk
Miss P. Crane
Mr. B. Crichton
Mrs. S. Dixon
Mrs. R. H. Eldridge
Mr. & Mrs. H. Enge
Mrs. M. Epworth
Miss M. Fraser
Mrs. O. M. Gordon
Prof. J. R. Guthrie
Mr. & Mrs. G. H. Haines, Jr.
Mr. R. Hellman
Miss M. Hunt
Mrs. S. R. Kent
Mr. D. W. Lambrecht
Mr. & Mrs. G. C. McKerrow
Mr. A. J. Moon
Ms. E. B. Moore
Miss E. Muir
Ms. M. Mulliette
Mr. & Mrs. R. O'Boyle
Mr. R. J. Opekar
Mrs. J. Phelan
Mrs. M. Prophet
Mr. & Mrs. R. Rawlings
Mr. & Mrs. G. T. Rogers
Mr. & Mrs. J. K. Russell
Mrs. L. E. Sergiades
Mr. & Mrs. J. M. Stewart
Miss K. Taylor
Mrs. M. Taylor
Mrs. K. M. Tomson
Mrs. H. C. Trustrum
Mr. & Mrs. H. Van Markle
Mr. P. Waring
Ms. M. J. Watts
Ms. W. Wesolowski
Miss E. White
Mrs. P. Wood
Mr. D. J. Wright
Mr. J. J. Yelland

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